

# Central Federal Lands Highway Division

## Project Schedule and Resource Management

Version (Date): July 22, 2005

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| Activity ID: G2 | Activity Title: Geotechnical Investigation |
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Activity Definition: Conduct surface/subsurface investigations for earthwork estimation, structure foundation design, landslide assessment and mitigation, material source viability, etc.

| Predecessor Activities (ID's) & Relationships (i.e.: FS, SS, or FF) & Time Lag: | Successor Activities (ID's) & Relationships (i.e.: FS, SS, or FF) & Time Lag: |
|---|---|
| 1. Pred: B2            Rel: FS            Lag: 0                                | 1. Succ: D2            Rel: SS            Lag: 0                              |
| 2. Pred: D1            Rel: FS            Lag: 0                                | 2. Succ: G3            Rel: FS            Lag: 0                              |
| 3. Pred: G1            Rel: FS            Lag: 0                                | 3. Succ: V1            Rel: FF            Lag:                                |
|   | on 4R   |
|   | Jobs  |
| 4. Pred: E0            Rel: FS            Lag: 0                                | 4. Succ:                Rel:                Lag:                              |
| 5. Pred:                Rel:                Lag:                                | 5. Succ:                Rel:                Lag:                              |
| 6. Pred:                Rel:                Lag:                                | 6. Succ:                Rel:                Lag:                              |

| Required Activity Tasks:   |
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| 1. Develop a comprehensive site investigation plan.  |
| 2. Obtain necessary access and drilling permits, utility clearances, etc.                            |
| 3. Procure investigation services (drilling, test pits, geophysical surveys, traffic control, etc.). |
| 4. Conduct a comprehensive site investigation, including material sources.                           |
| 5. Install instruments and conduct readings.   |
| 6. Complete all borings/excavations to a condition acceptable to the COTR.                           |
| 7. Stake/survey all exploration locations.   |
| 8. Compile field notes, field boring logs, photos, cross-sectional sketches, etc.                    |
| 9. Arrange necessary soil/rock lab testing.  |
| 10. Issue interim geotechnical memoranda, as needed.   |